

ABSTRACT OF THE DISCLOSURE

A fluid flow control apparatus specially adapted for use with an ultrasonic surgical tool which provides for irrigation of a surgical site and for aspirating fluid from the site comprises a source of irrigation fluid, comprises an irrigation fluid conduit for conducting the irrigation fluid to a surgical site, an aspiration fluid conduit for conducting fluid away from the surgical site, a suction pump connected to the aspiration fluid conduit for aspirating fluid from the surgical site, a pressure-sensitive control system for removing the source of suction from the aspiration conduit when a predetermined value of suction is exceeded, and a valve for controllably admitting irrigation fluid into the aspiration fluid conduit. A check valve in the irrigation conduit prevents a reverse surge when the irrigation fluid is admitted to the aspiration conduit.